

U.S. Patent Application Serial No. 09/621,138
Reply to final Office Action of **August 12, 2003**

The claims, as they now appear, are as follows:

Claim 7 (Previously presented): A wire harness loosening jig in combination with a wire harness comprising:

a base plate;

a fixing-side clamping portion attached to one end of the base plate having a first pair of clamps for clamping one end of a wire harness;

a guide rail attached to said base plate extending in a longitudinal direction of said wire harness, when said wire harness is arranged in said wire harness loosening jig for loosening;

a moveable-side clamping portion slidably arranged with the guide rail having a second pair of clamps for clamping an other end of said wire harness; and

clampers, arranged to shift one of said first pair of clamps and one of said second pair of clamps in a radial direction of said wire harness to clamp the wire harness, so that when said movable-side clamping portion is moved towards the fixing-side clamping portion said wire harness is compressed and wires disposed therein are loosened.

Claim 8 (Previously presented): The wire harness loosening jig according to claim 7, wherein said movable-side can be moved towards the fixing-side clamping portion by a driving mechanism.

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Claim 9 (Previously presented): A wire harness loosening jig in combination with a wire harness comprising:

a base plate;

a fixing-side clamping portion attached to one end of the base plate having a first pair of clamps for clamping one end of a wire harness;

a guide rail attached to said base plate extending in a longitudinal direction of said wire harness, when said wire harness is arranged in said wire harness loosening jig for loosening;

a moveable-side clamping portion slidably arranged with the guide rail having a second pair of clamps for clamping an other end of said wire harness; and

clampers, arranged to shift one of said first pair of clamps and one of said second pair of clamps in a radial direction of said wire harness to clamp the wire harness;

wherein said movable -side clamping portion is movable towards the fixing-side clamping portion, so as to compress said wire harness and loosen wires disposed therein, by a driving mechanism including a screw shaft rotatably supported by a bearing on the side of the base plate, a motor for driving the screw shaft, and a lever for driving the motor.